

16085 U.S. PTO  
6/27/03

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 034620-004

First Inventor Hiroki IGARASHI

Title Flow Control Device

Express Mail Label No. EV310853050US

17532 U.S. PTO  
6/27/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 17]  
*(preferred arrangement set forth below)*  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (*if filed*)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages ]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)  
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))  
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
11.  English Translation Document (*if applicable*)  
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
13.  Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*  
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*  
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17.  Other: Check \$375.00

**18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:** Continuation     Divisional     Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ /

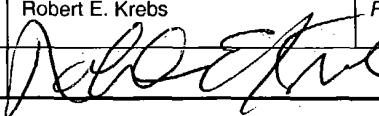
Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label *(Insert Customer No. or Attach bar code label here)* or  Correspondence address below

Name	Robert E. Krebs				
	Thelen Reid & Priest LLP				
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Signature			
	Date	Jan 27, '03	

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06/27/03

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 375)

Complete if Known	
Application Number	unassigned
Filing Date	herewith
First Named Inventor	Hiroki IGARASHI
Examiner Name	unassigned
Group / Art Unit	unassigned
Attorney Docket No.	034620-004

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None Order
 Deposit Account:

Deposit Account Number 50-1698

Deposit Account Name Thelen Reid & Priest LLP

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

## Large Entity Small Entity

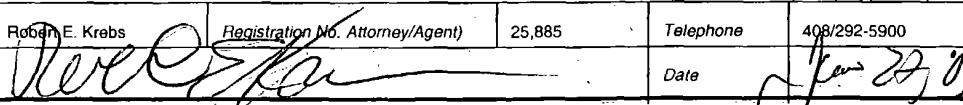
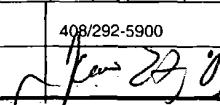
Fee Code	Fee (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	Surcharge - late filing fee or oath	
1052	50	2052	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	Non-English specification	
1812	2,520	1812	For filing a request for reexamination	
1804	920*	1804	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	Requesting publication of SIR after Examiner action	
1251	110	2251	Extension for reply within first month	
1252	410	2252	Extension for reply within second month	
1253	930	2253	Extension for reply within third month	
1254	1,450	2254	Extension for reply within fourth month	
1255	1,970	2255	Extension for reply within fifth month	
1401	320	2401	Notice of Appeal	
1402	320	2402	Filing a brief in support of an appeal	
1403	280	2403	Request for oral hearing	
1451	1,510	1451	Petition to institute a public use proceeding	
1452	110	2452	Petition to revive - unavoidable	
1453	1,300	2453	Petition to revive - unintentional	
1501	1,300	2501	Utility issue fee (or reissue)	
1502	470	2502	Design issue fee	
1503	630	2503	Plant issue fee	
1460	130	1460	Petitions to the Commissioner	
1807	50	1807	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	Submission of Information Disclosure Stmt	
8021	40	8021	Recording each patent assignment per property (times number of properties)	
1809	750	2809	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	Request for Continued Examination (RCE)	
1802	900	1802	Request for expedited examination of a design application	
Other fee (specify)				

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)
Name (Print/Type)	Robert E. Krebs	Registration No. Attorney/Agent)	25,885	Telephone	408/292-5900	
Signature						Date 

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12-minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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